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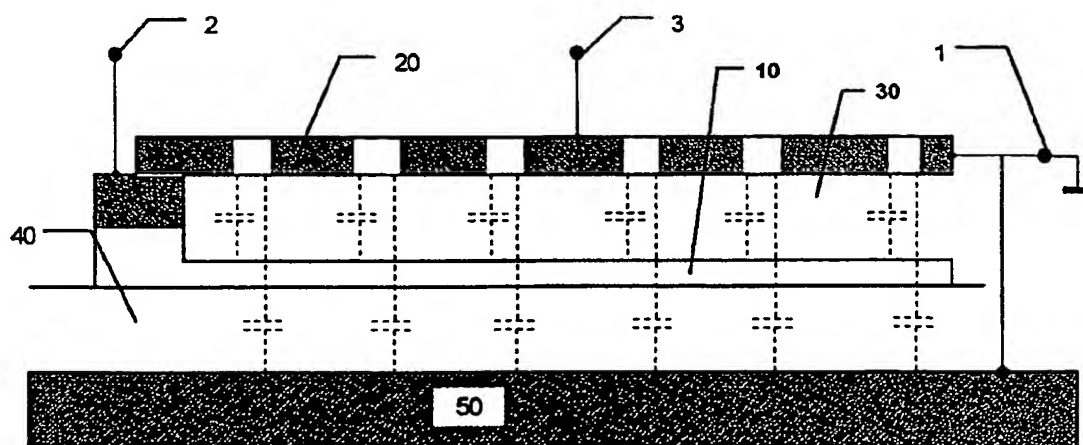
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(54) Title: **FREQUENCY-INDEPENDENT VOLTAGE DIVIDER**



(57) **Abstract:** The present invention relates to a frequency-independent voltage divider in which a compensation structure (10) for compensating a distributed parasitic capacitance of a resistor arrangement (20) is arranged between the resistor arrangement (20) and a substrate (50). Thereby, the compensation structure (10) shields the resistor arrangement (20) partly from the substrate (50), and thus shields the parasitic capacitance. This allows for an improved compensation.

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